

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021688.D
 Acq On : 15 Apr 2016 15:17
 Operator : UM/SJ
 Sample : H2504-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

Quant Time: Apr 15 16:35:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

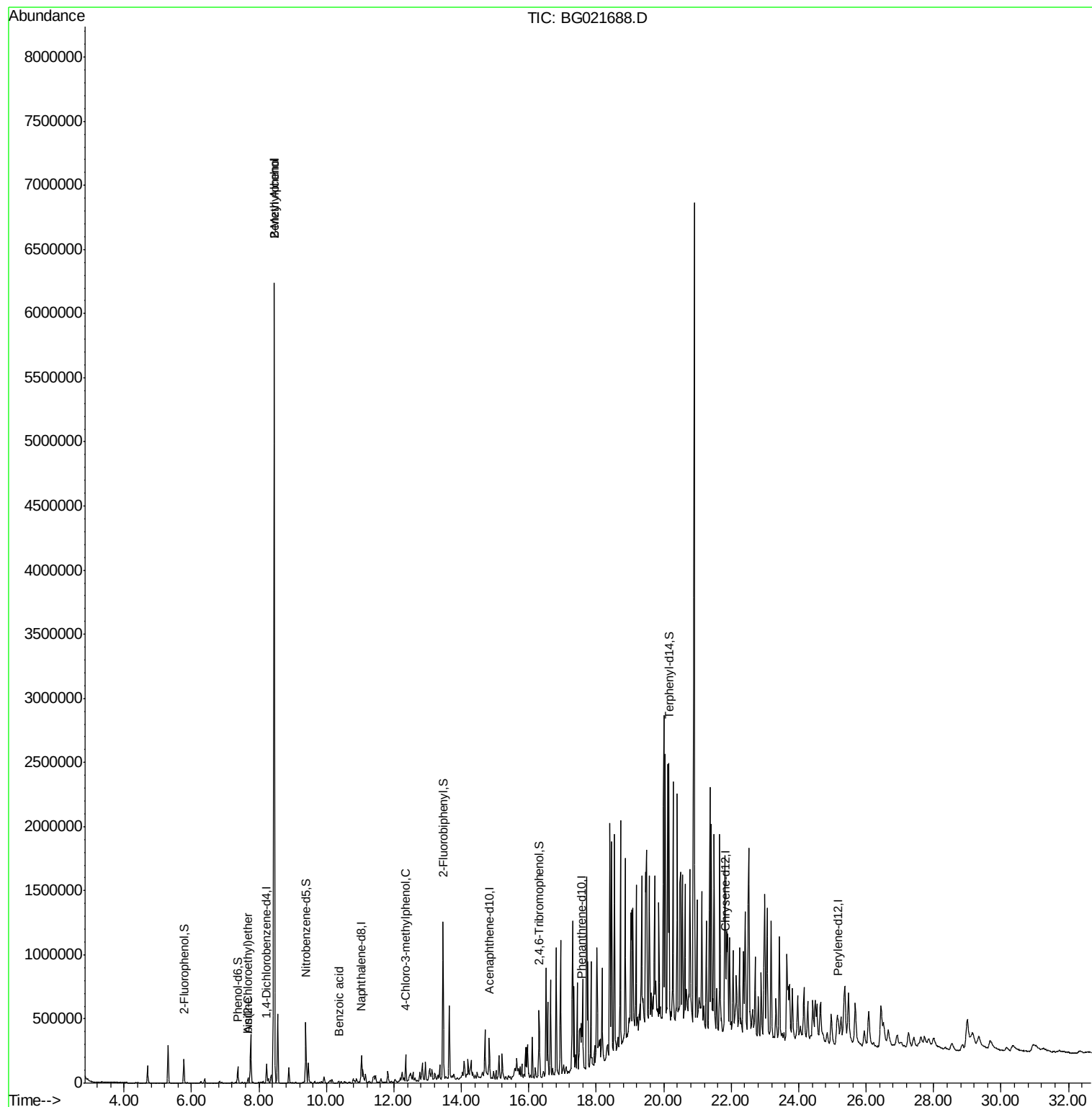
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	41657	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	191158	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	102745	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	214246	20.00	ng	0.00
75) Chrysene-d12	21.84	240	242754	20.00	ng	0.00
86) Perylene-d12	25.18	264	211112	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	88299	35.30	ng	0.01
7) Phenol-d6	7.37	99	76486	20.47	ng	0.00
23) Nitrobenzene-d5	9.39	82	295930	79.57	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	91044	82.22	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	640762	91.37	ng	0.00
78) Terphenyl-d14	20.15	244	801392	82.37	ng	0.00
Target Compounds						
6) Aniline	7.67	93	11184	2.26	ng	# 47
11) bis(2-Chloroethyl)ether	7.67	93	11184	3.48	ng	# 15
15) Benzyl Alcohol	8.45	79	670540	234.81	ng	# 62
17) 2-Methylphenol	8.45	107	368848	132.74	ng	# 1
32) Benzoic acid	10.36	122	62	4.30	ng	# 1
36) 4-Chloro-3-methylphenol	12.35	107	15410	4.16	ng	# 22

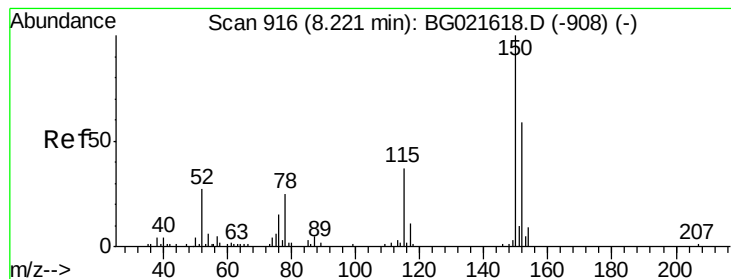
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.23 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

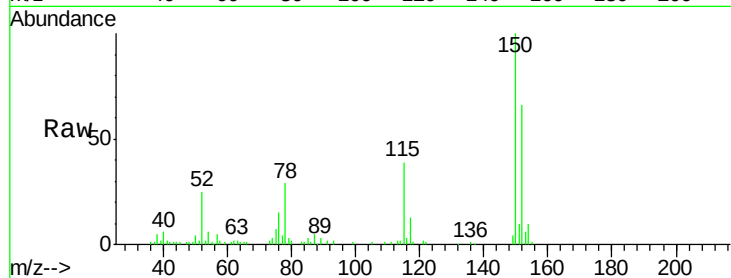
Tgt Ion:152 Resp: 41657

Ion Ratio Lower Upper

152 100

150 152.0 130.1 195.1

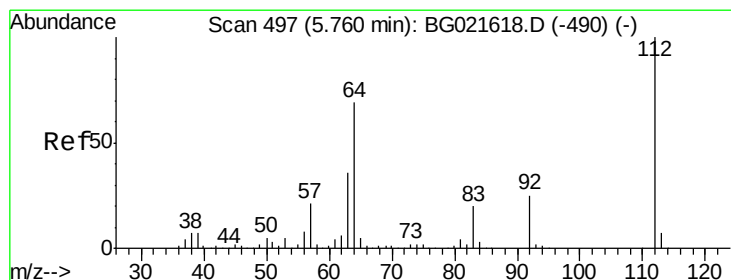
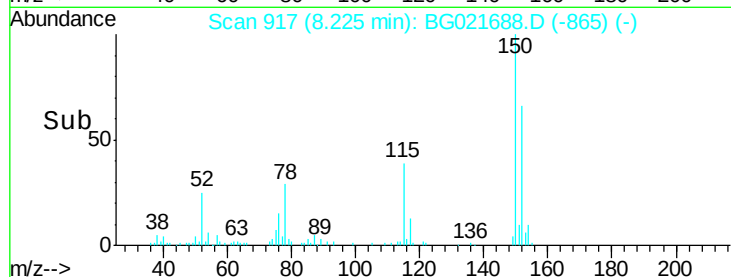
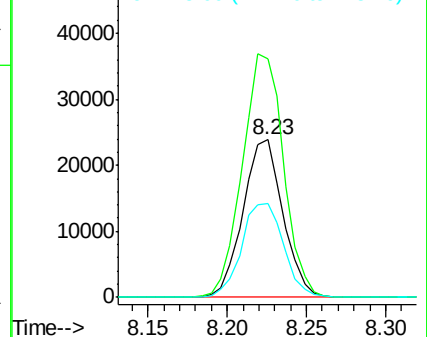
115 59.5 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 35.30 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

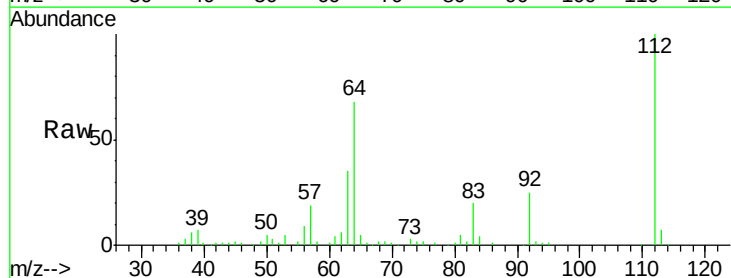
Tgt Ion:112 Resp: 88299

Ion Ratio Lower Upper

112 100

64 68.4 51.1 76.7

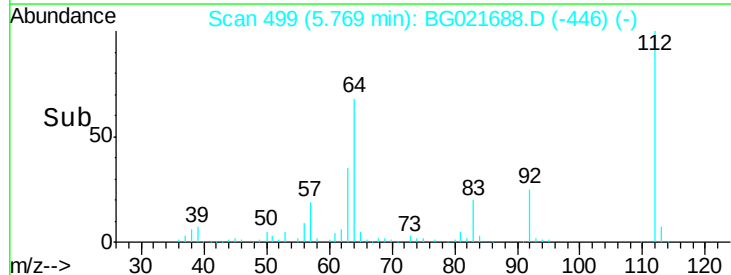
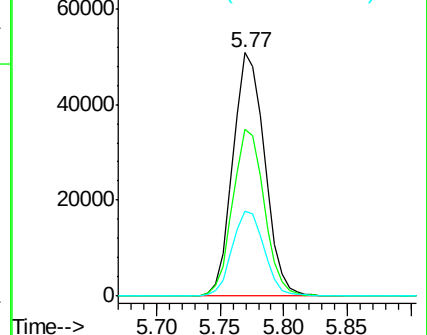
63 34.9 24.6 37.0

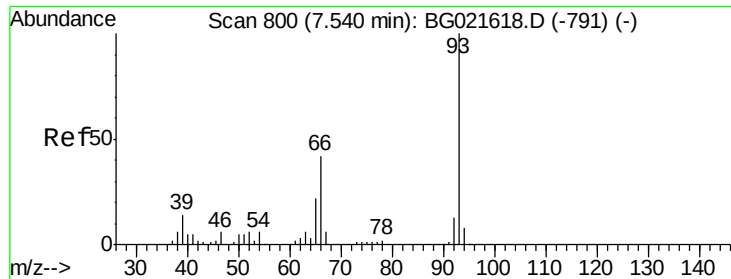


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 2.26 ng

RT: 7.67 min Scan# 823

Delta R.T. 0.13 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

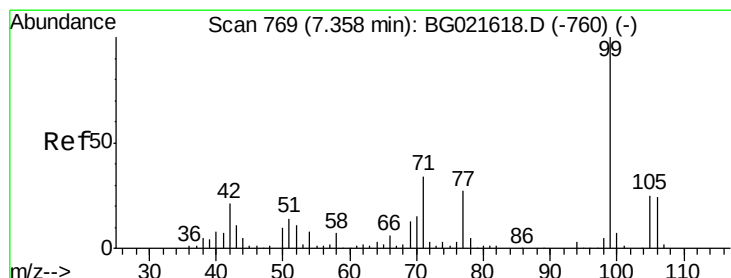
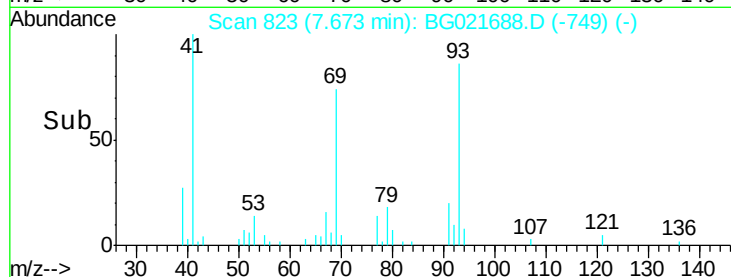
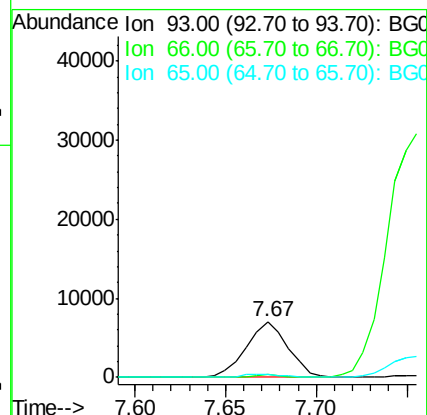
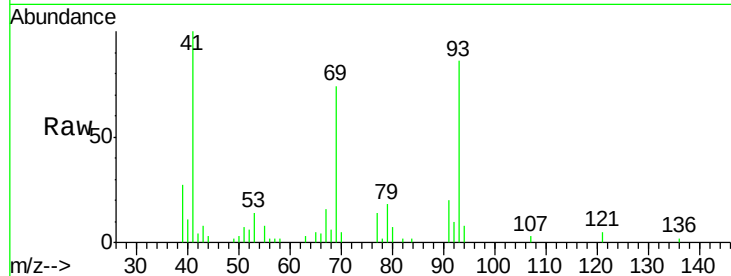
Tgt Ion: 93 Resp: 11184

Ion Ratio Lower Upper

93 100

66 4.6 36.3 54.5#

65 6.0 18.4 27.6#



#7

Phenol-d6

Concen: 20.47 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

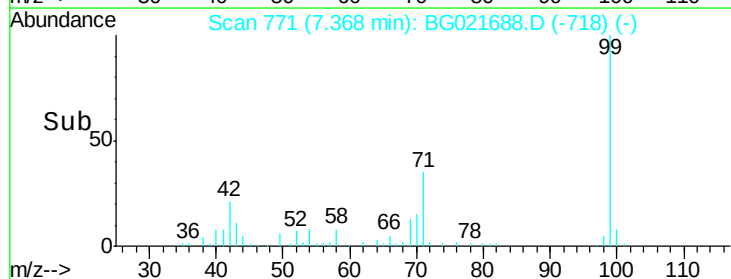
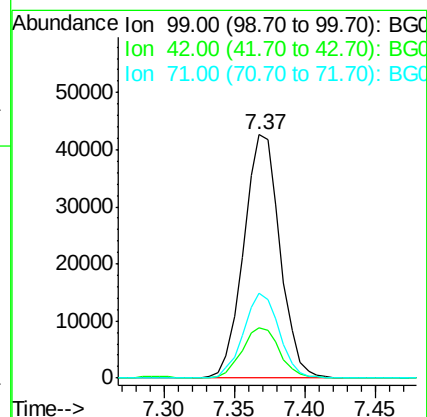
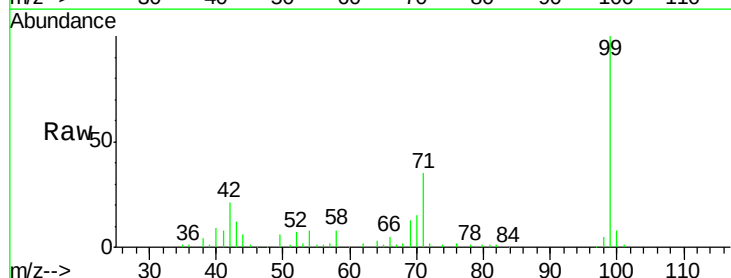
Tgt Ion: 99 Resp: 76486

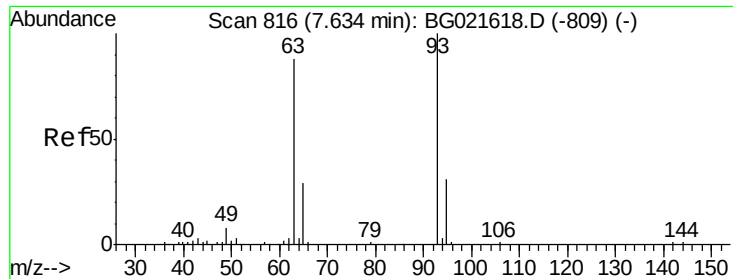
Ion Ratio Lower Upper

99 100

42 20.7 16.4 24.6

71 35.1 25.0 37.4

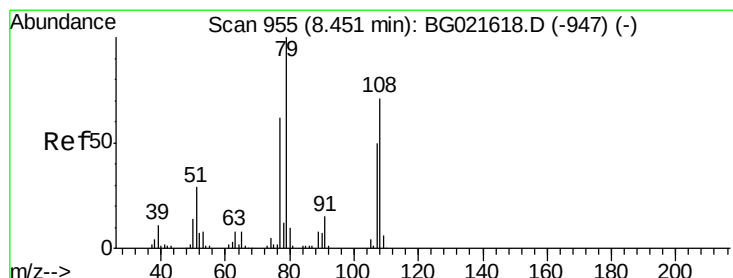
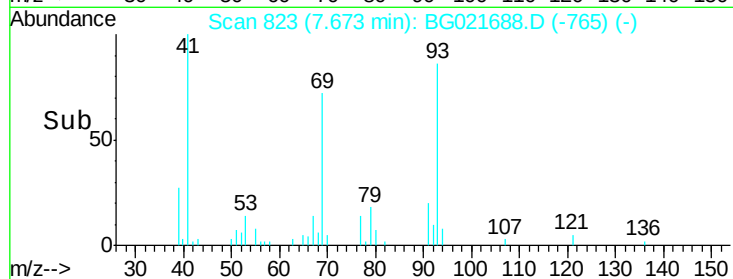
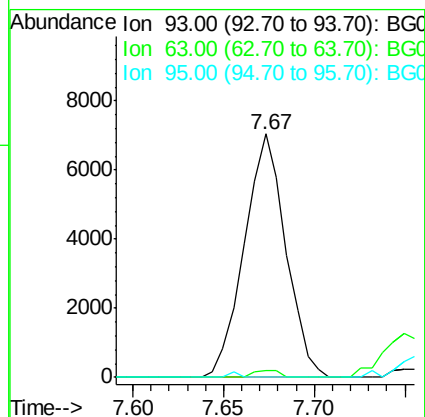
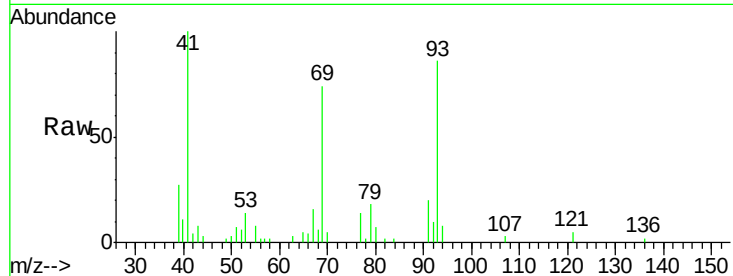




#11
bis(2-Chloroethyl)ether
Concen: 3.48 ng
RT: 7.67 min Scan# 823
Delta R.T. 0.04 min
Lab File: BG021688.D
Acq: 15 Apr 2016 15:17

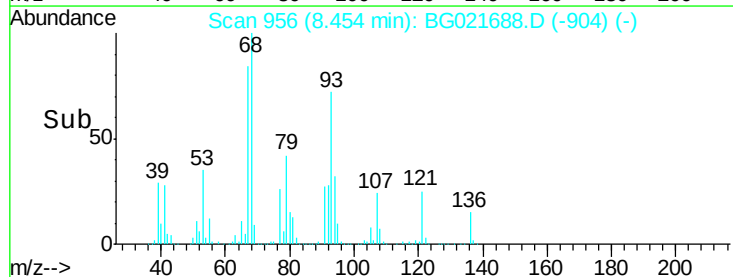
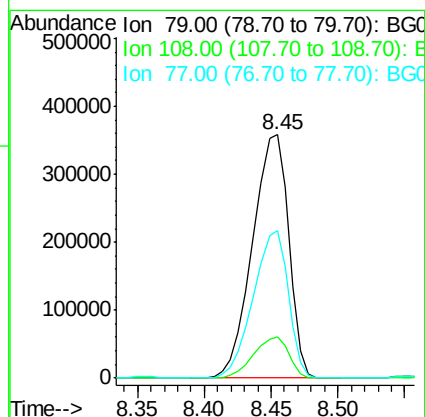
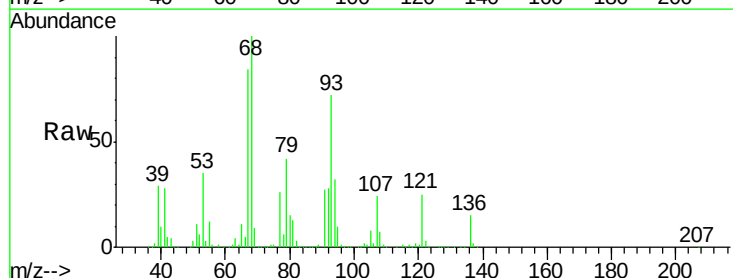
Instrument :
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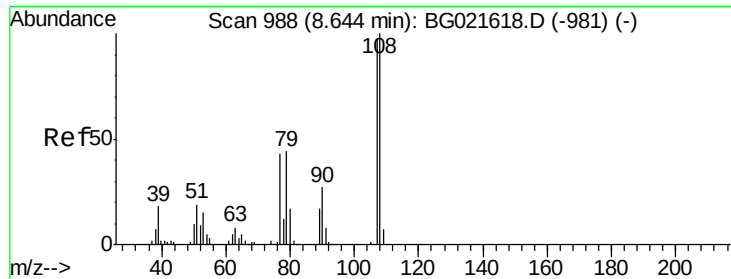
Tgt Ion: 93 Resp: 11184
Ion Ratio Lower Upper
93 100
63 3.0 74.9 114.9#
95 0.0 8.3 48.3#



#15
Benzyl Alcohol
Concen: 234.81 ng
RT: 8.45 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG021688.D
Acq: 15 Apr 2016 15:17

Tgt Ion: 79 Resp: 670540
Ion Ratio Lower Upper
79 100
108 17.3 59.4 89.0#
77 60.8 52.2 78.2





#17

2-Methylphenol

Concen: 132.74 ng

RT: 8.45 min Scan# 956

Delta R.T. -0.19 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

Tgt Ion:107 Resp: 368848

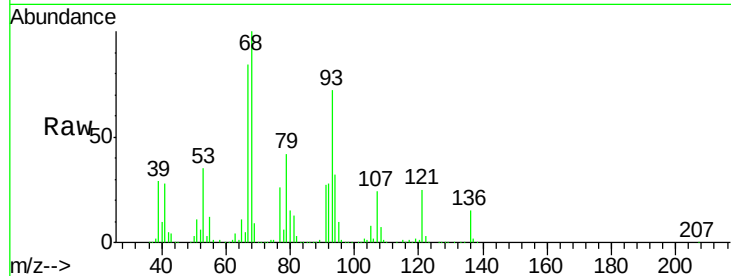
Ion Ratio Lower Upper

107 100

108 30.7 80.2 120.4#

77 108.1 40.7 61.1#

79 177.7 39.8 59.8#



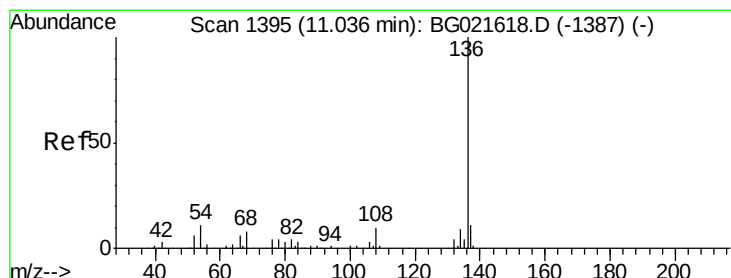
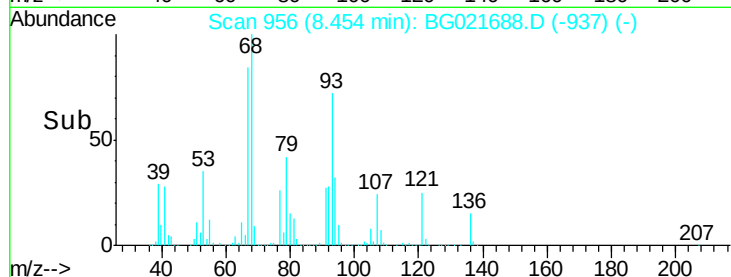
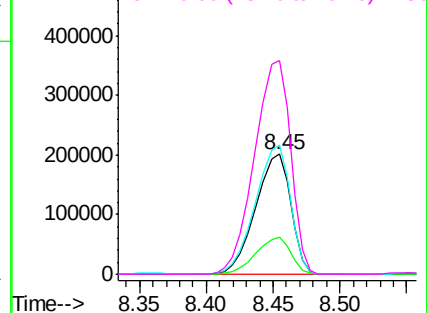
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

Tgt Ion:136 Resp: 191158

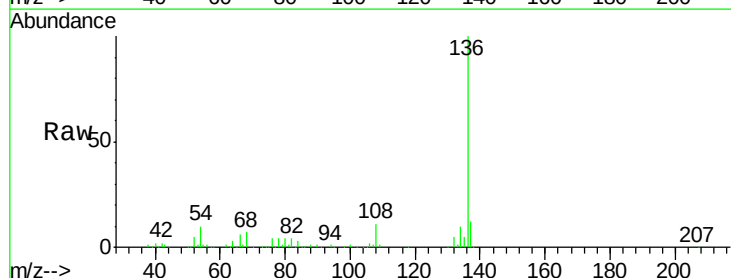
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.4

54 10.3 9.6 14.4

68 7.2 6.4 9.6



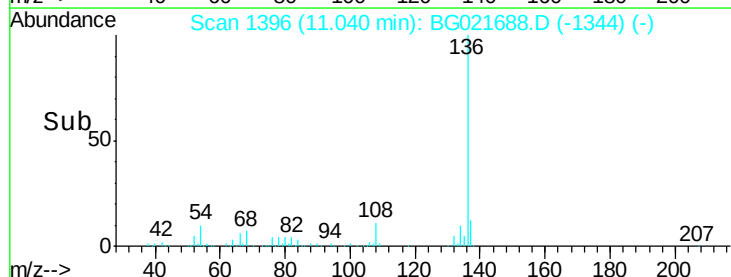
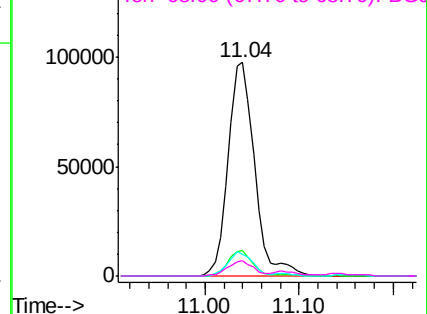
Abundance

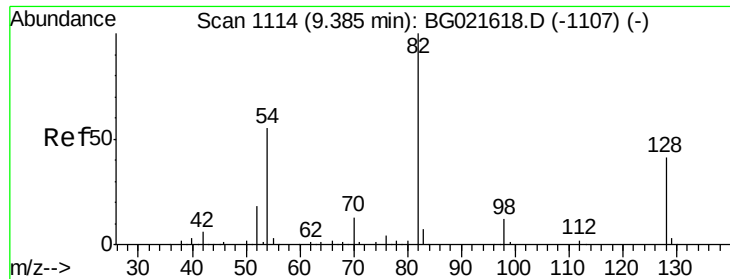
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

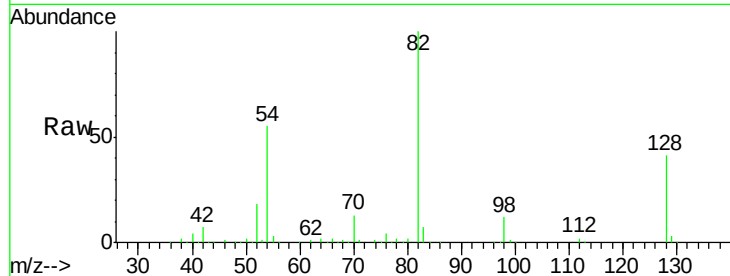




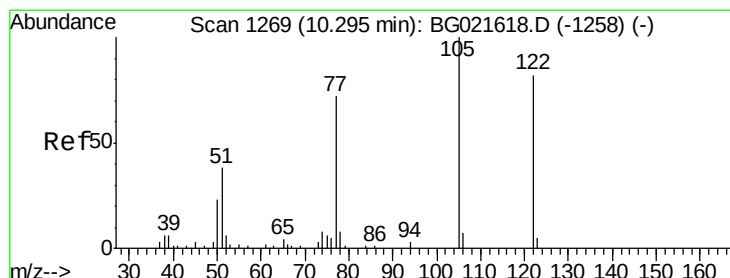
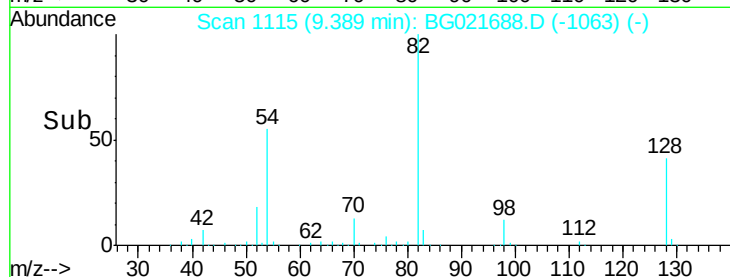
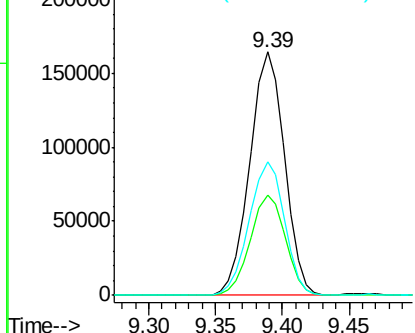
#23
 Nitrobenzene-d5
 Concen: 79.57 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BG021688.D
 Acq: 15 Apr 2016 15:17

Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

Tgt Ion: 82 Resp: 295930
 Ion Ratio Lower Upper
 82 100
 128 41.4 33.4 50.0
 54 55.0 46.1 69.1

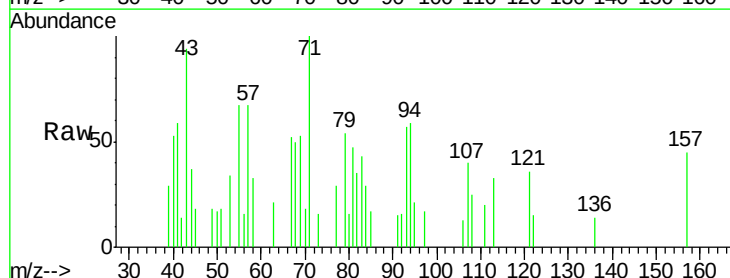


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

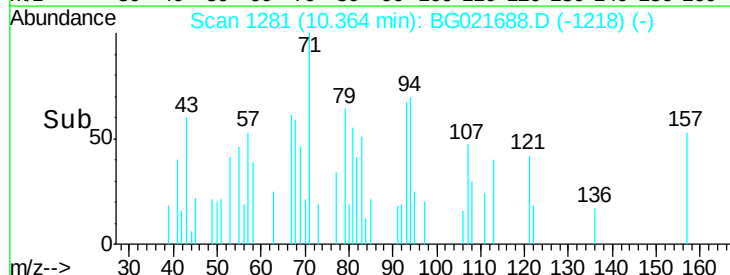
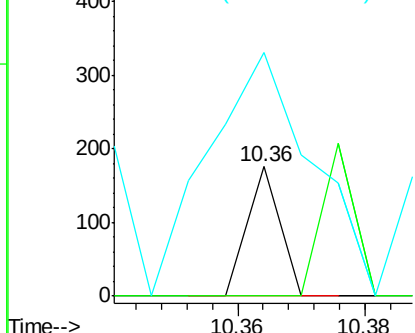


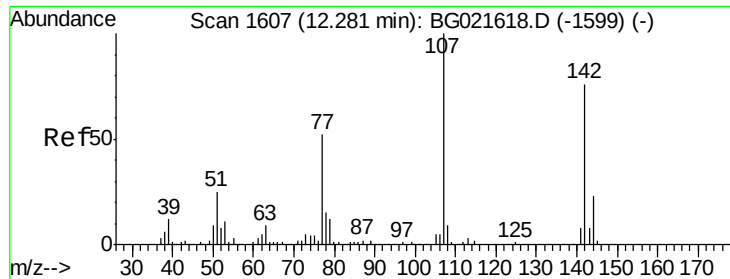
#32
 Benzoic acid
 Concen: 4.30 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. 0.07 min
 Lab File: BG021688.D
 Acq: 15 Apr 2016 15:17

Tgt Ion: 122 Resp: 62
 Ion Ratio Lower Upper
 122 100
 105 0.0 104.5 144.5#
 77 188.1 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

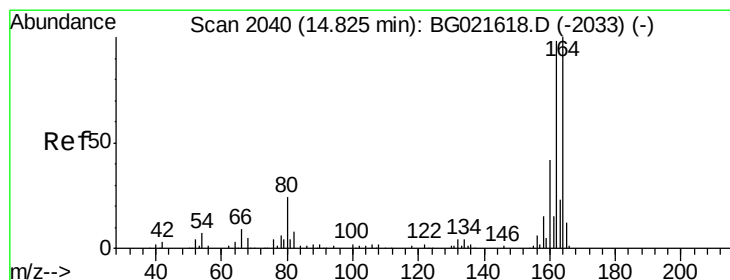
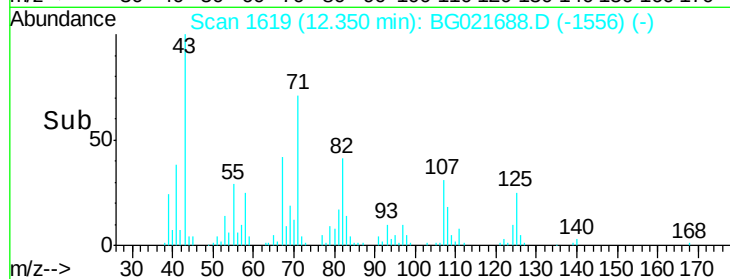
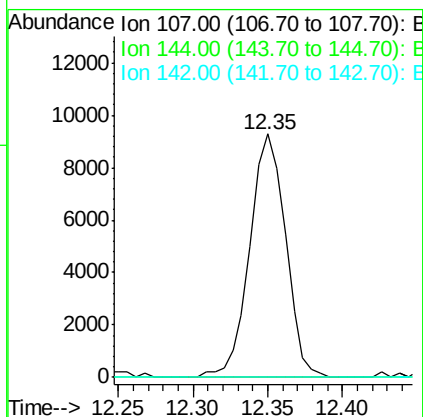
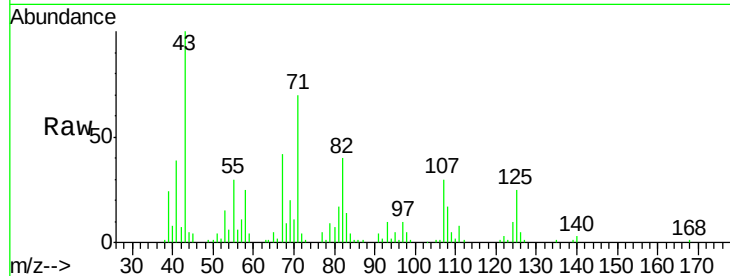




#36
 4-Chloro-3-methylphenol
 Concen: 4.16 ng
 RT: 12.35 min Scan# 1619
 Delta R.T. 0.07 min
 Lab File: BG021688.D
 Acq: 15 Apr 2016 15:17

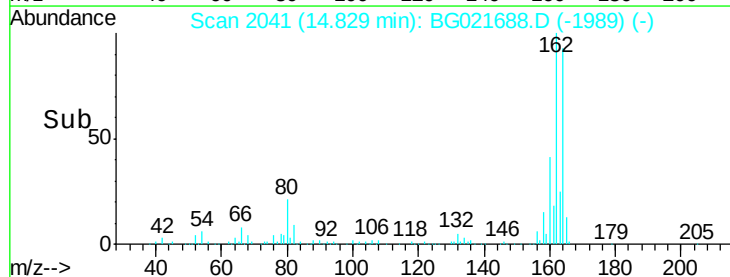
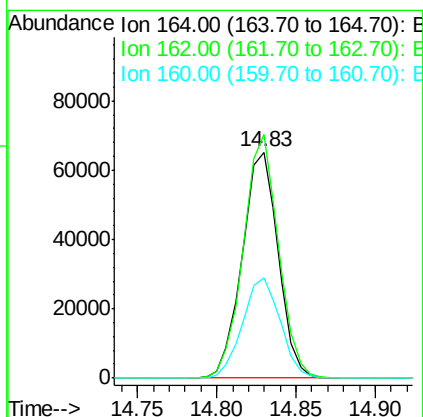
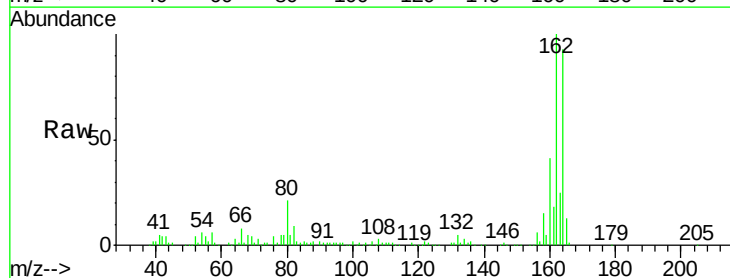
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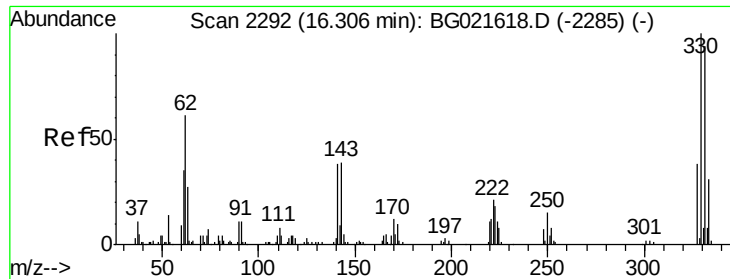
Tgt Ion:107 Resp: 15410
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.2 28.8#
 142 0.0 59.1 88.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BG021688.D
 Acq: 15 Apr 2016 15:17

Tgt Ion:164 Resp: 102745
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.0 117.0
 160 44.4 32.9 49.3

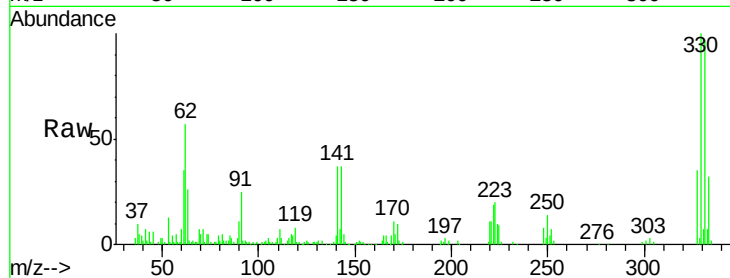




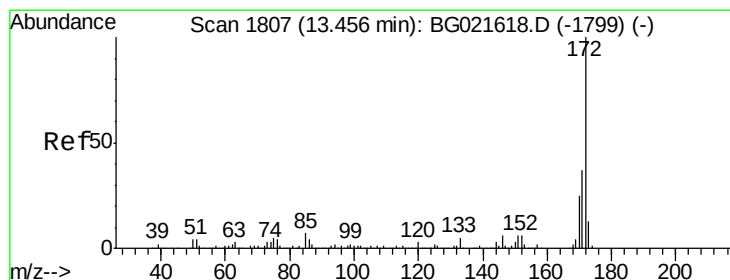
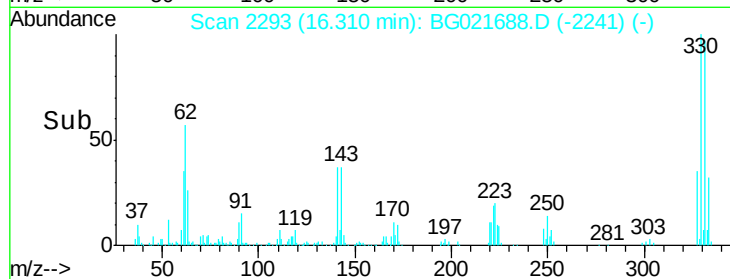
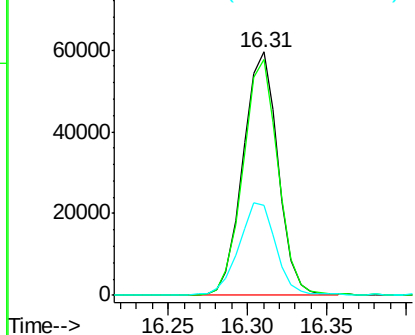
#41
 2,4,6-Tribromophenol
 Concen: 82.22 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021688.D
 Acq: 15 Apr 2016 15:17

Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

Tgt Ion: 330 Resp: 91044
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.0 117.0
 141 40.5 33.8 50.8

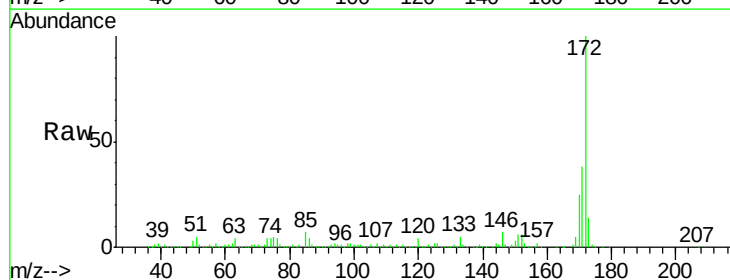


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

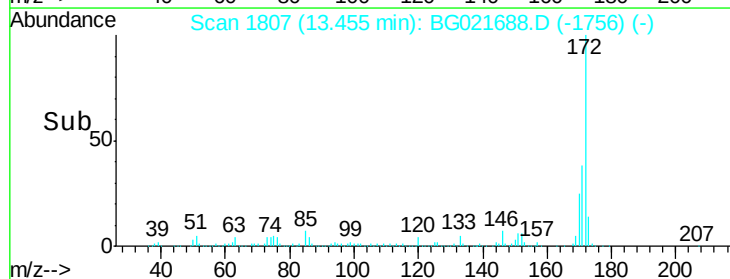
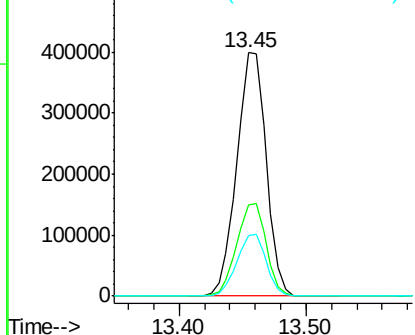


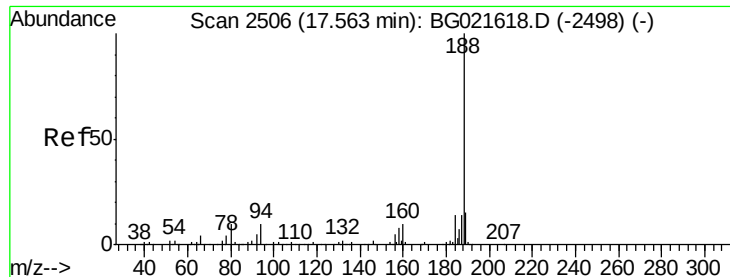
#44
 2-Fluorobiphenyl
 Concen: 91.37 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021688.D
 Acq: 15 Apr 2016 15:17

Tgt Ion: 172 Resp: 640762
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.8 41.6
 170 24.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

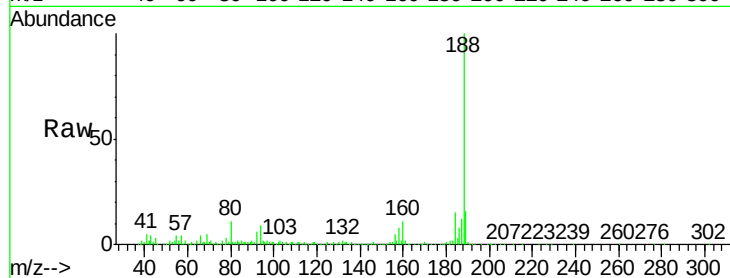




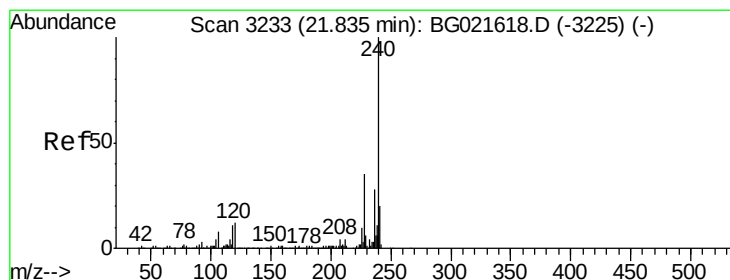
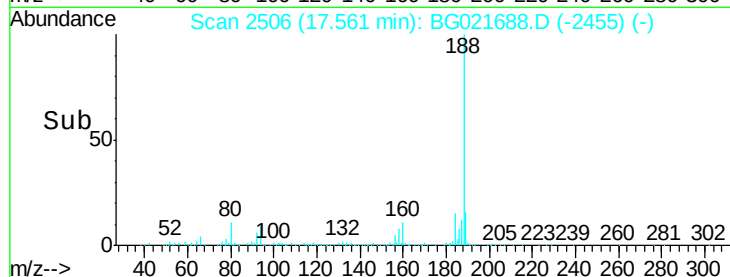
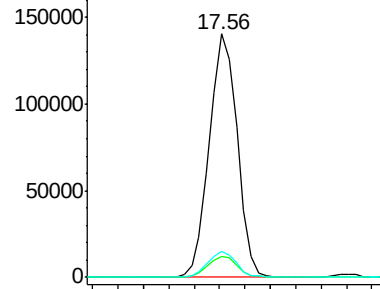
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021688.D
Acq: 15 Apr 2016 15:17

Instrument :
BNA_G
ClientSampleId :
CLEARWELL

Tgt Ion:188 Resp: 214246
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 10.7 8.6 13.0

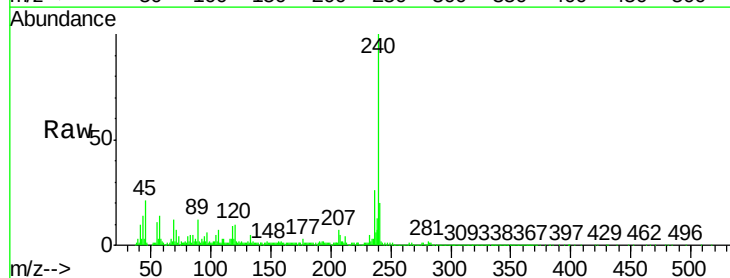


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

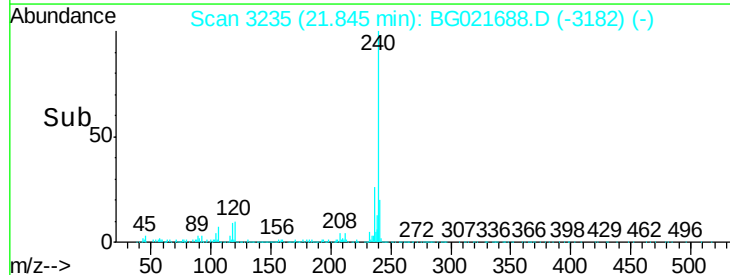
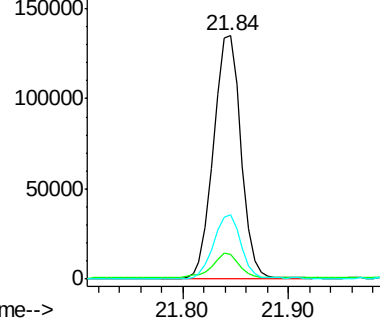


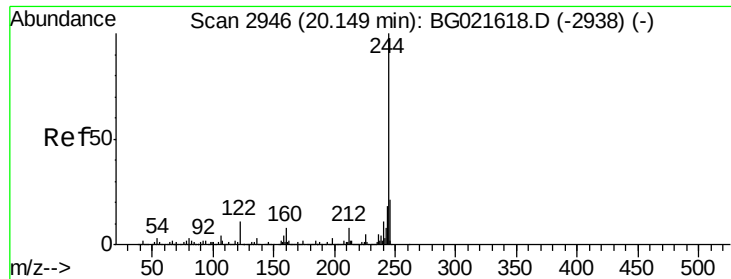
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BG021688.D
Acq: 15 Apr 2016 15:17

Tgt Ion:240 Resp: 242754
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.5 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.37 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

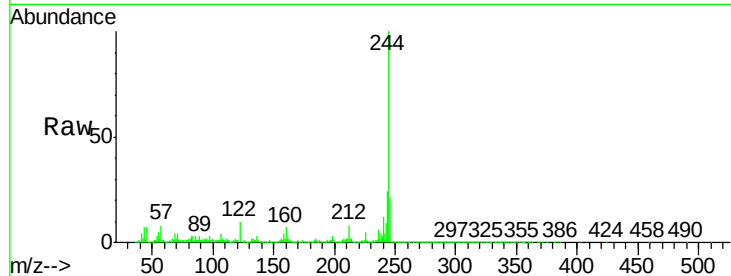
Tgt Ion:244 Resp: 801392

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

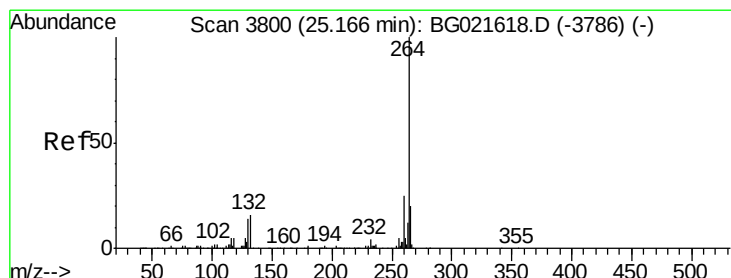
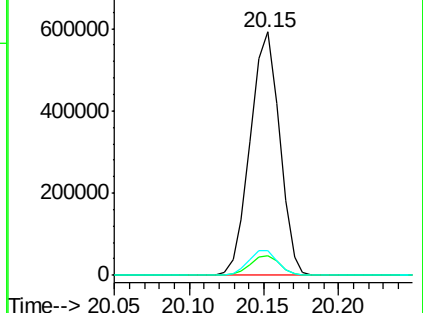
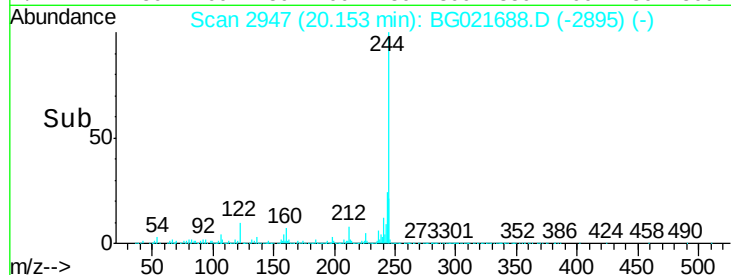
122 10.0 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.18 min Scan# 3803

Delta R.T. 0.02 min

Lab File: BG021688.D

Acq: 15 Apr 2016 15:17

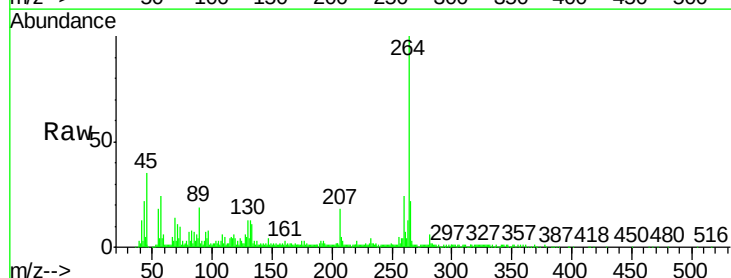
Tgt Ion:264 Resp: 211112

Ion Ratio Lower Upper

264 100

260 23.8 20.2 30.4

265 21.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

